APPENDIX C

ACRONYMS AND ABBREVIATIONS

AGC   - Automatic Gain Control
AGL   - Above Ground Level
AP   - Anomalous Propagation
AWIPS - Advanced Weather Interactive Processing System

BAMEX - Bow Echo and MCV (Mesoscale Convective Vortices) Experiment
BWER - Bounded Weak Echo Region

CAPE - Conditional Available Potential Energy
CL   - Classic Supercell (storm)
COMET - Cooperative Program for Operational Meteorology, Education and Training
CRPL   - Central Radio Propagation Laboratory

dB   - Decibel
dBZ   - Radar Reflectivity Factor
DCAPE - Downdraft Conditional Available Potential Energy
DCZ   - Deep Convergence Zone
DoC   - Department of Commerce
DoD   - Department of Defense
DoT   - Department of Transportation

ERL   - Environmental Research Laboratories
ETC   - Extratropical Cyclone

FAA   - Federal Aviation Administration
FAR   - False Alarm Ratio
FO   - Forward Overhang

GARP   - Global Atmospheric Research Program
GATE   - GARP Atlantic Tropical Experiment
G/R   - Gage/Radar

HP   - High Precipitation supercell (storm)

I   - Analog In Phase
ICAO   - International Civil Aviation Organization
ICMSSR - Interdepartmental Committee for Meteorological Services and Supporting
      Research
IEEE   - Institute of Electrical and Electronic Engineers
IR   - Infrared (satellite data)

JDOP	- Joint Doppler Operational Project
JSPO	- Joint System Program Office
LEWP	- Line Echo Wave Pattern
LP	- Low Precipitation Supercell (storm)
M	- Mesocyclone Product
MARC	- Mid Altitude Radial Convergence
MCC	- Mesoscale Convective Complex
MCS	- Mesoscale Convective System
MPDA	- Multiple Pulse Repetition Frequency (PRF) Dealiasing Algorithm
MSCF	- Master System Control Function
NEXRAD	- Next Generation Weather Radar
NOAA	- National Oceanic and Atmospheric Administration
NPC	- NEXRAD Program Council
NSSFC	- National Severe Storms Forecast Center
NSSL	- National Severe Storms Laboratory
NTIS	- National Technical Information Service
NWS	- National Weather Service
OFCM	- Office of the Federal Coordinator for Meteorological Services and Supporting Research
PPI	- Plan Position Indicator
PRF	- Pulse Repetition Frequency
PRT	- Pulse Repetition Time
Q	- Quadrature
QLCS	- Quasi Linear Convective Systems
R	- Rainfall Rate in Z-R relationship
RDA	- Radar Data Acquisition
rf	- Radio Frequency
RFD	- Rear Flank Downdraft
RIJ	- Rear Inflow Jet
RPG	- Radar Product Generator
ROC	- Radar Operations Center
RPM, rpm	- Revolutions Per Minute
S/C	- Ratio of Signal Power to Clutter Power
SL	- Severe Left-Moving Supercell
SNR	- Signal-to-Noise Ratio
SR	- Severe Right-Moving Supercell
SRR	- Storm Relative Mean Radial Velocity Region Product

TVS   - Tornadic Vortex Signature (in velocity data) and in the WSR -88D Product

UTC   - Coordinated Universal Time

v   - Velocity data
VAD   - Velocity Azimuth Display, VAD Wind Profile product.
VCP   - Volume Coverage Pattern
VIL   - Vertically Integrated Liquid Product
VWP   - Velocity Azimuth Display Wind Profile Product

W   - Spectrum Width Data
WER   - Weak Echo Region
WSR-88D   - Weather Surveillance Radar - 1988 Doppler

Z   - Radar Reflectivity Data
Z_e - Equivalent Radar Reflectivity